

## **EXHIBIT 2**

*Entropic Communications, LLC v. Charter Communications, Inc.*  
 No. 2:22-cv-00125 (E.D. Tex.)

**Exhibit 2**

**Claim Charts**

<b>'362 Patent Claim 1 (First Action)</b>	<b>'866 Patent Claim 27 (Second Action)</b>
A wideband receiver system comprising:	A cable television (TV) device comprising
a mixer module configured to downconvert a plurality of frequencies that comprises a plurality of desired television channels and a plurality of undesired television channels;	
a wideband analog-to-digital converter (ADC) module configured to digitize said plurality of frequencies comprising said plurality of desired television channels and said plurality of undesired television channels;	a wideband analog-to-digital converter (ADC) configured to digitize a contiguous band of frequencies in an input signal, wherein the contiguous band of frequencies comprises a plurality of desired channels and a plurality of undesired channels; and
digital circuitry configured to:  select said plurality of desired television channels from said digitized plurality of frequencies; and  output said selected plurality of television channels to a demodulator as a digital datastream.	a digital frontend (DFE) coupled to the wideband ADC, wherein the DFE is configured to  concurrently select and provide each of the plurality of desired channels without providing any of the plurality of undesired channels, and wherein the cable TV device comprises a digital video recorder (DVR).

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'362 Patent Claim 11 (First Action)	'206 Patent Claim 25 (Second Action)
A method comprising:	A method for receiving a television (TV) signal comprising:
in a wideband receiver system:	
downconverting, by a mixer module of said wideband receiver system, a plurality of frequencies that comprises a plurality of desired television channels and a plurality of undesired television channels;	receiving an input signal from a cable network;
digitizing, by a wideband analog-to-digital converter (ADC) module of said wideband receiver system, said plurality of frequencies comprising said plurality of desired television channels and said plurality of undesired television channels;	digitizing a contiguous band of frequencies in the input signal via a wideband analog-to-digital converter (ADC), wherein the contiguous band of frequencies comprises all received channels that exist in the input signal and the received channels comprise a plurality of desired channels and a plurality of undesired channels;
selecting, by digital circuitry of said wideband receiver system, said plurality of desired television channels from said digitized plurality of frequencies; and	concurrently selecting each of the plurality of desired channels from the input signal without selecting any of the plurality of undesired channels; and
outputting, by said digital circuitry of said wideband receiver system, said selected plurality of television channels to a demodulator as a digital datastream.	providing the plurality of desired channels, wherein the method is performed by a device comprising a digital video recorder (DVR).